

**SWDIV F2000tg**  
**Selective Demolition**  
**Technical Guide**

**04/02**

**PART 1 GENERAL**

**1.1 SYSTEM DESCRIPTION**

Provide regulated materials handling, storage, abatement and waste disposal.

**1.2 SYSTEM REQUIREMENT**

- a. Regulated materials shall be handled, stored, abated and disposed of in accordance with all Federal, state and local environmental laws and applicable safety regulations.
- b. Protect personnel and the environment from exposure to regulated materials being disturbed or abated as a result of this project.

**1.3 CRITERIA**

**1.3.1 General**

- a. Regulated material awareness training and hazard notification for contractor personnel shall comply with 29 CFR 1910.1200, General Industry Standard for Hazard Communication.
- b. All respirator use by contractor personnel shall comply with 29 CFR 1910.134, General Industry Standard for Respiratory Protection.
- c. All regulated material accumulation, control, storage, transportation, and disposal shall comply with all federal, state and local regulations, and with the specific requirements of this section combined with the requirements of Section 01575 "Temporary Environmental Controls".
- d. Prepare all waste shipment records required for the disposal of all hazardous waste and regulated material. Show the activity, as directed by the contracting officer, as the generator. Do not transport hazardous waste and/or regulated material off government property, until the contracting officer's representative signs the waste shipment records as the generator. Immediately forward the generator's copy of the waste shipment records to the government. Immediately forward the signed disposer copy of the waste shipment records to the contracting officer's representative.
- e. Transportation of hazardous wastes and regulated materials shall comply with 49 CFR 171, Hazardous Material Regulation, and 49 CFR 172, Hazardous Materials Table, "Special Provisions".

**1.3.2 Asbestos Criteria**

- a. Worker exposure to asbestos materials to be disturbed or abated shall comply with 29 CFR Part 1910.1001, General Industry Standard for Asbestos.
- b. Work procedures for asbestos materials to be disturbed or abated shall comply with 29 CFR Part 1926.1101, Asbestos Safety and Health Regulations for Construction.
- c. Training of personnel shall comply with 40 CFR Part 763, Asbestos Model Accreditation Plan.
- d. All air emissions and disposal of asbestos shall comply with 40 CFR Part 61 National Emission Standard for Asbestos.

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**1.3.3 Lead Criteria**

**1.3.3.1 Lead Abatement:**

- a. Work procedures and worker exposure shall comply with 29 CFR Part 1926.62, Lead Safety and Health Regulations for Construction.
- b. Lead-based paint inspector, risk assessor, or supervisor shall comply with 40 CFR-745-226 “Certification of Individuals and Firms Engaged in Lead-based Paint Activities”.

**1.3.3.2 Lead Base Paint Waste:**

- a. Scrap metal is not hazardous waste when recycled; therefore, scrap metal shall be recycled to the utmost extent possible. Certification of recycling efforts and quantities shall be submitted to the contracting officer.
- b. A waste stream determination shall be performed on remaining lead-contaminated waste in accordance to 40 CFR 262.11, Hazardous Waste Determinations, or applicable state regulation.
- c. Accumulation, control, storage, and disposal of lead containing material that is a hazardous waste shall comply with 40 CFR Part 260 through 265 and 40 CFR Part 268.
- d. Training of personnel working with lead hazardous waste shall comply with 40 CFR Part 265.16, Hazardous Waste Personnel Training. Training documentation shall be submitted to the Contracting Officer.

**1.3.4 Mercury Criteria**

- a. Worker exposure to mercury containing materials shall comply with 29 CFR Part 1910, General Industry Standards for Worker Protection.
- b. Work procedures shall comply with 29 CFR Part 1926, Safety and Health Regulations for Construction.
- c. Training of personnel shall be suitable for conditions of work and shall include proper waste handling and emergency procedures.

**1.3.4.1 Fluorescent Lighting Tubes:**

- a. Fluorescent lighting tubes shall be recycled intact.
- b. Written verification of recycling actions shall be submitted to the Contracting Officer.
- c. Accumulation and storage of mercury containing material that is a hazardous waste shall comply with 40 CFR Part 260 through 265 and 40 CFR Part 268.

**1.3.4.2 Thermostats and Switches:**

The mercury ampoules from thermostats and switches shall be recycled in accordance with 40 CFR 273, Universal Waste Management Standards. Written verification of all recycling actions shall be submitted to the Contracting Officer.

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**1.3.5 PCB Criteria**

- a. Disposal of PCBs shall comply with 40 CFR 761, Polychlorinated Biphenyls (PCBs) Manufacturing Process, Distribution in Commerce, and Use Prohibitions.
- b. PCBs and PCB items that are intended for re-use are to be stored in accordance with 40 CFR 761.35. Storage of PCBs and PCB items for disposal are to be in accordance with 40 CFR 761.65.
- c. Training of personnel shall be suitable for conditions of work and shall include proper waste handling and emergency procedures.

**1.4 OZONE DEPLETING SUBSTANCE (ODS) CRITERIA**

Classes of ODS are defined in Section 602(a) of the Clean Air Act and some of the common chemicals are listed in section entitled, Temporary Environmental Controls. Prevent discharge of Class I and Class II ODS to the atmosphere. ODS shall be recovered from existing equipment being removed or replaced by the contract and placed in cylinders meeting ARI Guideline K suitable for the type ODS (filled to no more than 80 percent capacity) and labeled appropriately.

Recovered Class I ODS shall remain the property of the Government. Class I ODS if not required to be reused in existing equipment shall be shipped, at Contractor expense, to the Defense Logistics Agency as prescribed in the following paragraph.

Recovered Class II ODS shall be removed from Government property and disposed of in accordance with 40 CFR 82. Products, equipment, and appliances containing ODS in a sealed, self-contained system (e.g., residential refrigerators and window air conditioners ) shall be disposed of in accordance with 40 CFR 82.

**1.4.1 Shipping Instructions Class I ODS**

Shipment of all ODS containers shall be in accordance with 49 CFR 173. Each container shall have in it no more than one type of class I ODS. A warning/hazardous label shall be applied to the containers in accordance with Department of Transportation regulations. All cylinders including but not limited to fire extinguishers, spheres, or canisters containing an ODS shall have a tag with the following information:

- a. Activity name and unit identification code ( obtain from Contracting Officer )
- b. Activity point of contact and phone number ( obtain from Contracting Officer )
- c. Type of ODS and pounds of ODS contained
- d. Date of shipment. Naval stock number ( for information, call ( 804 ) 279-4525 ).

Ship container(s) to the Defense Logistics Agency at the following address.

Defense Depot Richmond VA (DDVA)  
SWO400  
Cylinder Operations  
800 Jefferson Davis Highway  
Richmond, VA 23297-5000

**1.4.2 Fire Suppression Containers**

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Fire suppression system cylinders and canisters with electrical charges or initiators shall be deactivated prior to shipment. Also, safety caps shall be used to cover exposed actuation mechanisms and discharge ports on these special cylinders.

**PART 2 PRODUCTS**

**2.1 REGULATED COMPONENTS ABATEMENT AND CONTROL (F2020)**

Use the information in the Asbestos Survey Report, if provided, contained in Part 6 to abate [ ***describe the extent of asbestos abatement to be accomplished for the project in the Performance Specifications portion of the RFP in Part 4.*** ]. Conduct any additional testing that may be needed to comply with all applicable Federal, state, and local regulations. Provide the Contracting Officer copies of the regulatory written notification and acknowledgement for the abatement activities.

**2.1.1.1 Private Qualified Person (PQP)**

That person hired by the Contractor independent of the asbestos contractor. The PQP shall be part of the Contractor's Quality Control program and shall report directly to the Quality Control Manager. The PQP shall successfully complete training and be accredited under a State Model Accreditation Plan as described in 40 CFR 763 as a Building Inspector, Contractor/Supervisor, and Project Designer; and shall have successfully completed the National Institute of Occupational Safety and Health ( NIOSH ) 582 course "Sampling and Evaluating Airborne Asbestos Dust" or equivalent. The PQP must be qualified to perform visual inspections as indicated in ASTM E 1368. The PQP shall be appropriately licensed in the state in which the work will be performed.

**2.1.1.2 PQP Inspections / Daily Reports**

The PQP shall conduct daily visual inspections and air monitoring of the abatement work and provide daily inspection reports to the Contracting Officer. Daily inspections are to ensure compliance with the approved Asbestos Work Procedures Plan and regulatory requirements. The inspection will include confirmation of proper containment/enclosure, worker protection, exhaust equipment, decontamination areas, clean and dirty areas, proper wetting and disposal, an inspection of work progress and work practices. Each activity will be documented as acceptable or noted as unacceptable with justification for the non-compliance. Immediately call to the attention of the Contracting Officer any unacceptable methods and procedures or unacceptable results. Provide a written report to the Contracting Officer within 18 hours after each daily inspection.

**2.1.2 Lead Paint**

Use the information in the Lead Survey Report, if provided, contained in Part 6 to control and/or abate all lead containing materials affecting the work areas of this contract. Conduct any additional testing that may be needed to comply with all applicable Federal, state and local regulations. Prior to beginning abatement activities, provide the Contracting Officer copies of the regulatory written notification and acknowledgement for the abatement activities. Abate all lead painted materials as required to accomplish the work in this contract.

Recycling of lead and metals coated with lead-based paint is highly encouraged. If materials are to be recycled, provide the Contracting Officer copies of the recycler's acknowledgement that:

- a. The material is painted with lead-based paint.
- b. The quantities and types of material received.

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c. Certification that the materials shall be smelted at a mill or foundry and shall not to be sold for reuse.

**2.1.3 PCBs**

Provide the contracting officer with the name, EPA identification number, phone number and point of contact with the company transporting, storing and disposing of all PCB's. If PCB items are recycled, provide the above for the recycling company. Fluorescent light ballasts shall be assumed to contain PCBs unless marked as "PCB Free". Use DOT approved containers for storage and transportation of PCB items. Immediately forward the Certificate of Disposal to the government

**2.1.3.1 Leaks**

Notify the contracting officer immediately on discovery of any equipment leaking PCB containing fluid. Take reasonable preventative measures to contain the leak and prevent movement of the PCB containing fluids into food or feed areas, storm drains, sewers, etc. or off government property.

**END OF SECTION**